

2512

High Frequency Converter, CV-2A

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The CV-2A is a miniature single band converter which permits any broadcast receiver to receive signals in the 3 to 12 mc range. The operating frequency is determined by a crystal 1500 kc above or below the desired signal frequency. The CV-2A replaces both the CV-1 and the CV-2 since it covers the entire 3 to 12 mc range in one unit.

N. A.

N. A.

3 to 12 mc

N.A.

N.A.

200 ohms

350 microamperes at 1.5V supplied either from a self-contained battery or an external source.

Transistorized

N.A.

N.A.

N.A.

3 1/4 x 2 1/4 x 1 in.

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5 ounces

- : The CV-2A is used with a standard broadcast receiver to permit reception of high frequency signals.
- : A compact transistorized unit easily pocket-carried.
- : The CV-2A is inserted between the receiver and the antenna. No further installation is required.
- : Very brief familiarization.
- : No field maintenance is contemplated.

The CV-2A converter, which covers 3 to 12 mc in one band, was preceded by two models: the CV-1 covering 3 to 6 mc and the CV-2 covering 6 to 12 mc. The recent availability of small variable capacitors made it possible to obtain the frequency coverage of the CV-1 and CV-2 units in a single package. The prototype CV-2A has been accepted and the fabrication of 100 units has been started.

- (a) Complete the production of 100 CV-2A units.
- (b) Provide four prototype converters covering the range from 3 to 30 mc in two bands.

Photographs and negatives are attached.

None

Unclass.